PBIO 294 In Class Evaluation 20 Sep 2017

Chapter: L2.3-2.6

Name:

1. A maximum likelihood estimate (mle) is a single guess/estimate at a parameter value that best explains the data. TRUE or FALSE. (Circle one). 2 points.

2. What other information in addition to the point estimate/mle is generally required as part of a parameter estimate? 2 points.

3. According to Lavine, the essence of Bayesian inference is using probability distributions to describe our state of knowledge of some parameter of interest, θ. TRUE or FALSE. (Circle one). 2 points.

4. The FACE experiment describe in the Lavine readings is psychological study involving infant perceptions of human faces. TRUE or FALSE. (Circle one). 2 points.